

Title (en)

IMPEDANCE SENSING SYSTEMS AND METHODS FOR USE IN MEASURING CONSTITUENTS IN SOLID AND FLUID OBJECTS

Title (de)

IMPEDANZERFASSUNGSSYSTEME UND -VERFAHREN ZUR VERWENDUNG IN DER MESSUNG VON BESTANDTEILEN FESTER UND FLÜSSIGER OBJEKTE

Title (fr)

SYSTÈMES ET PROCÉDÉS DE DÉTECTION D'IMPÉDANCE DESTINÉS À MESURER DES CONSTITUANTS DANS DES OBJETS SOLIDES ET LIQUIDES

Publication

EP 2480878 A1 20120801 (EN)

Application

EP 10776852 A 20100922

Priority

- US 24458409 P 20090922
- US 2010049824 W 20100922

Abstract (en)

[origin: US2011068807A1] Devices and methods of the invention can be used in many industries, including: utilities, agriculture, food, textile, pharmaceutical, photovoltaic and semiconductor, medical devices, chemical and petro-chemical, material science, and defense, where monitoring and/or analysis of various properties of materials are desired.

IPC 8 full level

G01N 27/02 (2006.01)

CPC (source: EP KR RU US)

G01N 27/02 (2013.01 - KR); **G01N 27/023** (2013.01 - EP US); **G01N 27/02** (2013.01 - RU)

Citation (search report)

See references of WO 2011038003A1

Cited by

DE102021103803A1; DE102020132286A1; US9316605B2; EP2619561B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

US 2011068807 A1 20110324; US 8547110 B2 20131001; AU 2010298385 A1 20120412; AU 2010298385 B2 20140327;
CA 2775144 A1 20110331; CA 2775144 C 20180717; CN 102575998 A 20120711; CN 102575998 B 20160330; EP 2480878 A1 20120801;
EP 2480878 B1 20190417; IL 218707 A0 20120531; IL 218707 A 20160229; JP 2013512414 A 20130411; JP 5666597 B2 20150212;
KR 101526039 B1 20150604; KR 20120074295 A 20120705; NZ 598827 A 20140328; RU 2012116010 A 20131027; RU 2629901 C2 20170904;
WO 2011038003 A1 20110331

DOCDB simple family (application)

US 88788710 A 20100922; AU 2010298385 A 20100922; CA 2775144 A 20100922; CN 201080047815 A 20100922; EP 10776852 A 20100922;
IL 21870712 A 20120318; JP 2012530993 A 20100922; KR 20127010197 A 20100922; NZ 59882710 A 20100922; RU 2012116010 A 20100922;
US 2010049824 W 20100922